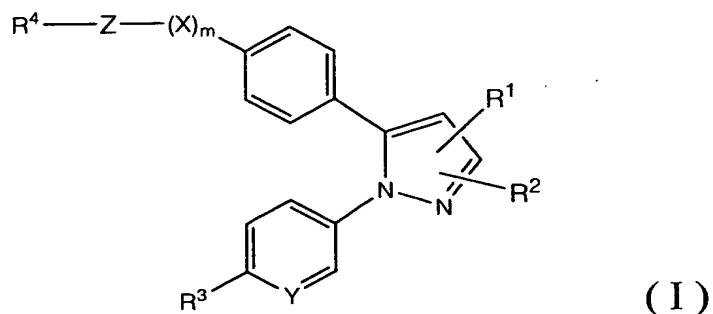


CLAIMS

1. A compound of the formula (I):



- 5 wherein R^1 is hydrogen or lower alkyl;
 R^2 is lower alkyl optionally substituted with
halogen, hydroxy, lower alkoxyimino or lower
alkoxy; lower alkenyl; cycloalkyl; cyano;
lower alkanoyl; cycloalkylcarbonyl;
10 N,N -di(lower)alkylcarbamoyl; carbamoyl;
 N -lower alkoxy- N -lower alkylcarbamoyl; amino;
di(lower)alkylamino;
lower alkoxycarbonylamino;
 N,N -di(lower)alkylcarbamoylamino;
15 N -(N,N -di(lower)alkylcarbamoyl)- N -lower
alkylamino; halogen; hydroxy; carboxy; lower
alkoxycarbonyl; aroyl; heterocycliccarbonyl;
heterocyclic group; lower alkylsulfonyl;
lower alkoxy optionally substituted with lower
20 alkoxy, N,N -di(lower)alkylcarbamoyl or
halogen; cycloalkyloxy; lower alkylthio; or
lower alkylsulfinyl;
 R^3 is lower alkyl optionally substituted with amino,
carbamoylamino or lower alkylsulfonylamino;
25 halogen; cyano; hydroxy; lower alkanoyloxy;
lower alkylenedioxy; lower alkoxy optionally

substituted with aryl, hydroxy, cyano, amino,
lower alkoxycarbonylamino, lower
alkylsulfonylamino or carbamoylamino;
nitro; amino; heterocyclic group; lower
5 alkylthio; lower alkylsulfinyl; or lower
alkylsulfonyl;

R^4 is hydrogen; cyano; amino optionally substituted
with phthaloyl or lower alkyl; aryl;
heterocyclic group; lower alkoxy; hydroxy;
10 lower alkylsulfonyloxy; lower alkanoyloxy;
lower alkyl substituted with tritylamino and
lower alkoxycarbonyl, amino and lower
alkoxycarbonyl, amino and carboxy, amino and
carbamoyl, or amino and hydroxy; N-lower
15 alkoxycarbonyl-N-lower alkylamino; lower
alkanoyl optionally substituted with
halogen; carboxy; lower alkylsulfonyl;
sulfo; lower alkylsilyloxy; lower
alkoxycarbonyl; sulfamoyl optionally
20 substituted with lower alkyl; carbamoyl
optionally substituted with lower alkyl;
lower alkylthio; lower alkylsulfinyl;
carbamoyloxy; thioureido; or
a group of the formula:

25 R^5-G-J-

in which G is $-CO-$ or $-SO_2-$;

J is $-N(R^6)-$

(wherein R^6 is hydrogen or lower alkyl); and

R^5 is amino optionally substituted with
30 lower alkoxycarbonyl or lower
alkyl; lower alkyl optionally
substituted with hydroxy, lower

X is O or S; and
Z is lower alkylene.

3. The compound of Claim 2, wherein

5 R² is lower alkyl optionally substituted with halogen;
 cycloalkyl; halogen; or lower alkoxy optionally
 substituted with halogen;

 R³ is lower alkoxy;

 R⁴ is a group of the formula:

10 R⁵-G-J-

 in which G is -CO- or -SO₂-,

 J is -NH- and

 R⁵ is amino or lower alkyl; and

 X is O.

15

4. The compound of Claim 3, which is

N-(2-{4-[3-chloro-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]-
phenoxy}ethyl)urea,

20 N-{4-[3-(difluoromethyl)-1-(4-methoxyphenyl)-1H-
pyrazol-5-yl]benzyl}methanesulfonamide,

N-{4-[3-(difluoromethyl)-1-(4-methoxyphenyl)-1H-
pyrazol-5-yl]benzyl}urea,

N-(2-{4-[3-(difluoromethyl)-1-(4-methoxyphenyl)-1H-
pyrazol-5-yl]phenoxy}ethyl)urea,

25 N-(2-{4-[1-(4-methoxyphenyl)-3-(trifluoromethyl)-1H-
pyrazol-5-yl]phenoxy}ethyl)urea,

N-(2-{4-[3-(difluoromethyl)-1-(6-methoxy-3-pyridinyl)-
1H-pyrazol-5-yl]phenoxy}ethyl)urea,

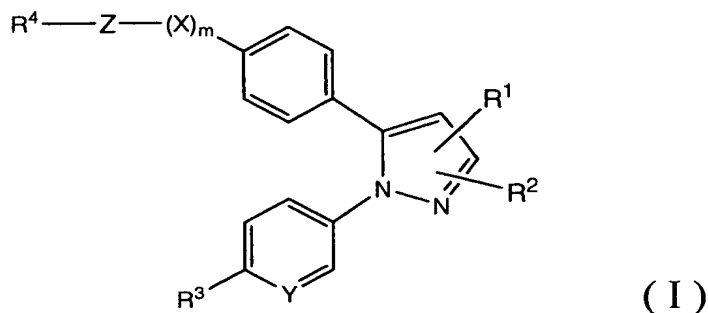
30 N-(2-{4-[3-cyclopropyl-1-(4-methoxyphenyl)-1H-pyrazol-
5-yl]phenoxy}ethyl)urea,

N-(2-{4-[3-(difluoromethyl)-1-(6-methoxy-3-pyridinyl)-
1H-pyrazol-5-yl]phenoxy}ethyl)urea,

N-(2-{4-[1-(4-methoxyphenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]phenoxy}ethyl)acetamide, or
 N-(2-{4-[3-(2,2-difluoroethoxy)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenoxy}ethyl)urea.

5

5. A process of preparing a compound of the formula:



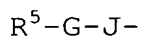
wherein R^1 is hydrogen or lower alkyl;

R^2 is lower alkyl optionally substituted with
 10 halogen, hydroxy, lower alkoxyimino or lower
 alkoxy; lower alkenyl; cycloalkyl; cyano;
 lower alkanoyl; cycloalkylcarbonyl;
 N,N-di(lower)alkylcarbamoyl; carbamoyl;
 N-lower alkoxy-N-lower alkylcarbamoyl; amino;
 15 di(lower)alkylamino;
 lower alkoxy-carbonylamino;
 N,N-di(lower)alkylcarbamoyle-amino;
 N-(N,N-di(lower)alkylcarbamoyle)-N-lower
 alkylamino; halogen; hydroxy; carboxy; lower
 20 alkoxy-carbonyl; aroyl; heterocycliccarbonyl;
 heterocyclic group; lower alkylsulfonyl;
 lower alkoxy optionally substituted with lower
 alkoxy, N,N-di(lower)alkylcarbamoyle or
 halogen; cycloalkyloxy; lower alkylthio; or
 25 lower alkylsulfonyl;

R^3 is lower alkyl optionally substituted with amino,
 carbamoyle-amino or lower alkylsulfonylamino;

halogen; cyano; hydroxy; lower alkanoyloxy;
lower alkylenedioxy; lower alkoxy optionally
substituted with aryl, hydroxy, cyano, amino,
lower alkoxycarbonylamino, lower
alkylsulfonylamino or carbamoylamino;
nitro; amino; heterocyclic group; lower
alkylthio; lower alkylsulfinyl; or lower
alkylsulfonyl;

R^4 is hydrogen; cyano; amino optionally substituted
with phthaloyl or lower alkyl; aryl;
heterocyclic group; lower alkoxy; hydroxy;
lower alkylsulfonyloxy; lower alkanoyloxy;
lower alkyl substituted with tritylamino and
lower alkoxycarbonyl, amino and lower
alkoxycarbonyl, amino and carboxy, amino and
carbamoyl, or amino and hydroxy; N-lower
alkoxycarbonyl-N-lower alkylamino; lower
alkanoyl optionally substituted with
halogen; carboxy; lower alkylsulfonyl;
sulfo; lower alkylsilyloxy; lower
alkoxycarbonyl; sulfamoyl optionally
substituted with lower alkyl; carbamoyl
optionally substituted with lower alkyl;
lower alkylthio; lower alkylsulfinyl;
carbamoyloxy; thioureido; or
a group of the formula:



in which G is $-CO-$ or $-SO_2-$;

J is $-N(R^6)-$

(wherein R^6 is hydrogen or lower alkyl); and

R^5 is amino optionally substituted with
lower alkoxycarbonyl or lower

alkyl; lower alkyl optionally substituted with hydroxy, lower alkoxy, carbonylamino, lower alkanoyloxy, amino or halogen; lower alkoxy; hydrogen; heterocyclic group; or aryl;

X is O, S, SO or SO₂;

Y is CH or N;

Z is lower alkylene or lower alkenylene; and

m is 0 or 1;

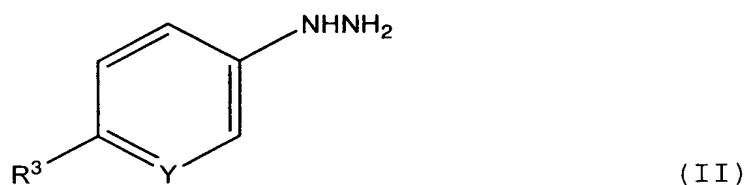
provided that when R⁴ is hydrogen;

then R³ is lower alkyl substituted with amino, carbamoylamino or lower alkylsulfonylamino; or lower alkoxy substituted with aryl, hydroxy, cyano, amino, lower alkoxy, carbonylamino, lower alkylsulfonylamino or carbamoylamino;

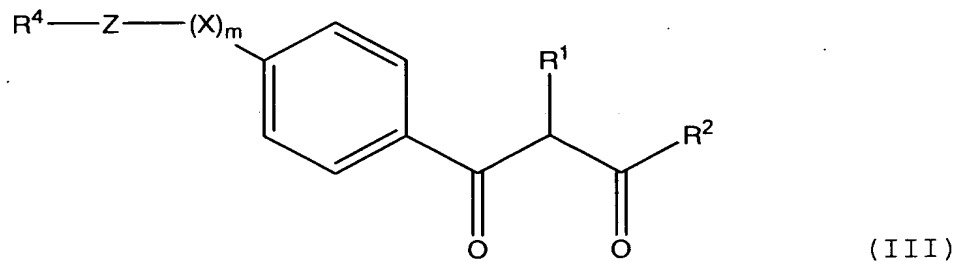
or salts thereof,

which comprises,

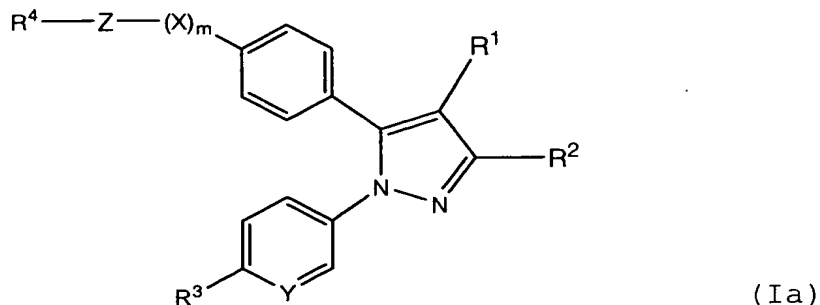
1) reacting a compound of the formula:



or its salt with a compound of the formula:



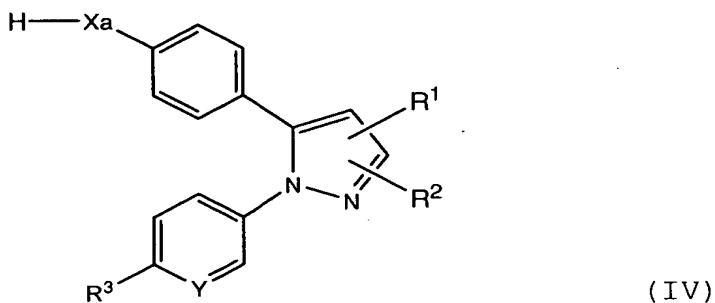
or its salt in the acidic condition to provide a compound of the formula:



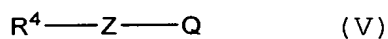
or its salt, in the above formulas,

5 $R^1, R^2, R^3, R^4, X, Y, Z$ and m are each as defined above,
or

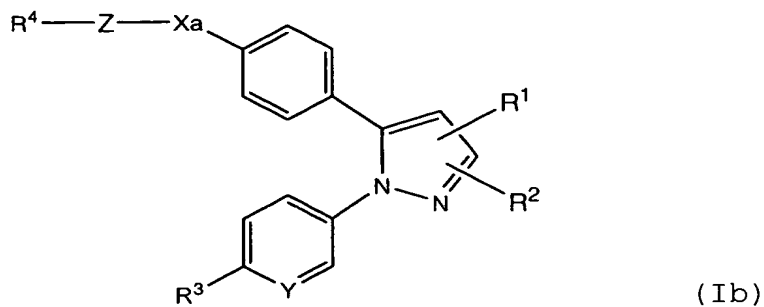
2) reacting a compound of the formula:



10 or its salt with a compound (V) of the formula:



or its salt to provide a compound of the formula:



15 or its salt, in the above formulas:

R^1, R^2, R^3, R^4, Y and Z are each as defined above,

Xa is O or S, and
Q is hydroxy or an acid residue.

6. A pharmaceutical composition comprising the compound
5 of Claim 1, as an active ingredient, in association with
a pharmaceutically non-toxic carrier or excipient.

7. A compound of Claim 1 for use as a medicament

10 8. A method for treatment and/or prevention of
inflammatory conditions, various pains, collagen diseases,
autoimmune diseases, various immunity diseases, analgesic,
thrombosis, cancer or neurodegenerative diseases which
comprises administering an effective amount of the compound
15 of Claim 1 to human beings or animals.

9. Use of the compound of Claim 1 for the manufacture of
a medicament for treatment and/or prevention of
inflammatory conditions, various pains, collagen diseases,
20 autoimmune diseases, various immunity diseases, analgesic,
thrombosis, cancer or neurodegenerative diseases in human
beings or animals.

10. The analgesic agent comprising the compound of Claim
25 1, which is usable for treating and/or preventing pains
caused by or associated with acute or chronic inflammations
without causing gastrointestinal disorders.

11. The analgesic agent of Claim 10, which is usable for
30 treating or preventing pains caused by or associated with
rheumatoid arthritis, osteoarthritis, lumbar rheumatism,
rheumatoid spondylitis, gouty arthritis, or juvenile

arthritis; lumbago; cervico-omo-brachial syndrome;
scapulohumeral periarthritis; pain and tumescence after
operation or injury without causing gastrointestinal
disorders.

5

12. A commercial package comprising the pharmaceutical
composition containing the compound (I) identified in Claim
1 and a written matter associated therewith, wherein the
written matter states that the compound (I) can or should
10 be used for preventing or treating inflammatory conditions,
various pains, collagen diseases, autoimmune diseases,
various immunity diseases, analgesic, thrombosis, cancer
or neurodegenerative diseases.